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(71) Applicant (for all designated States except US): NOVEL-TECH SOLUTIONS OY [FI/FI]; Tykistökatu 4, FI-20520 Turku (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KAUUPPINEN, Jyrki [FI/FI]; Kyppellontie 1, FI-21350 Ilmarinen (FI).

(74) Agent: TURUN PATENTTITOIMISTO OY; P.O. Box 99, FI-20521 Turku (FI).

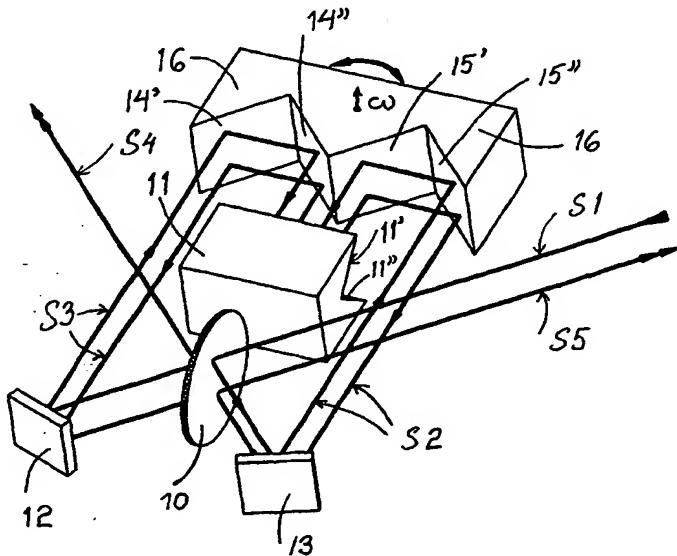
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(57) Abstract: The present invention relates to an interferometer, comprising at least a beamsplitter (10), at least one end reflector (11) for returning beams (S2, S3), and a set of reflectors (14, 15) for reflecting the beams (S2, S3) between the beamsplitter (10) and the end reflector (11) or the end reflectors, at least some of said set of reflectors (14, 15) being adapted to be rotatable around an axis (w). Said set of reflectors comprises two angle reflectors (14, 15), constituted by plane reflectors, and the said end reflector (11) is or the end reflectors are an angle reflector constituted by plane reflectors (11', 11''). An angle line of the end reflector (11) is or the angle lines of end reflectors are arranged perpendicular to an angle line of both of the angle reflectors (14, 15).